



United States Department of Agriculture
Natural Resources Conservation Service

Wildlife Enhancement Activity EHM02 – *Cropland/Grassland Edge Habitat Bundle*

Providing Wildlife Friendly Edge Habitat:

Provides cover for wildlife through all seasons of the year through activities associated with buffers. Nesting, brood-rearing, escape and winter cover all developed immediately adjacent to each other.

Benefits:

Targeted conservation measures are implemented in edge habitat to provide a variety of habitat conditions in patches or linear strips to maximize wildlife use. These measures include establishing native grass buffers, edgefeathering or shrub plantings and eradication of tall fescue and smooth brome in existing edge areas to meet the life history needs of the targeted edge wildlife species. An estimated 180 wildlife species utilize edge habitats in Missouri.

Criteria for Wildlife Friendly Edge Habitat Bundle:

All habitat components not already present will be applied before compensation is made. PAYMENT APPLIES TO WHOLE FIELD (IF SMALLER THAN 40 ACRES) OR EACH 40 ACRE BLOCK MEETING THE FOLLOWING CRITERIA.

The producer will apply and maintain management actions specifically for improving or protecting edge habitat functions for the targeted wildlife species.

- In each field (if smaller than 40 acres) or for each 40 acre block (for fields 40 acres or larger), create/maintain minimum 30 ft. field border of native grass/forb mix around entire perimeter, or at least 10% of the field if less than entire field/or each 40 acre block buffered.
- 0.1 acre of dense shrubby cover (minimum 30 feet wide) per 40 acres immediately adjacent to above field borders and on the offered acres. These adjacent 0.1 acre covey headquarters must be under 12 feet in height and can be one or combination of – planting/edgefeathering/downed tree structure/use of existing cover. A biologist must verify that existing cover meets shrubby criteria. Location and type must be documented on the plan aerial photo. Minimum size of covey headquarters is 1500 sq ft.
- Fescue or smooth brome eradication in field border and covey headquarters areas.
- Disturbance (prescribed burning or light disking) of field borders once every 3-5 years of contract to maintain early successional vegetation. Mowing is not an acceptable method.

- Only wildlife mixes listed in Table 1 - 645 Upland Wildlife Management standard will be used.
- Field borders will not be used as roads or storage areas (equipment, hay bales, etc)
- On grassland areas only: Border areas- maintain a minimum vegetation height of 8-10 inches year round; no haying or mowing; no grazing May 1 through July 15; exclude livestock from border areas with fencing OR fence border areas and include as prescribed in grazing plan for habitat benefits. Grazing of borders allowed only as a tool to improve/maintain habitat conditions – **consult with Area Biologist if borders are to be grazed. Shrubby cover must be protected from livestock if border is grazed.**

References:

Dinsdale, Travis and Frese, Paul. 2007 Landscape scale effects of edgefeathering on quail and grassland songbirds. Missouri Department of Conservation

Missouri Fish and Wildlife Information System. Number of species utilizing edge management. Missouri Department of Conservation

Burger, Wes. 2007 CP33 Monitoring Study. Mississippi State University

Cole, Beth. 2007 Missouri CP33 Enhanced Monitoring Study. Missouri Department of Conservation

Dailey, Tom. 1991 Bobwhite Quail Use of CRP in Missouri. Missouri Department of Conservation

Noll, Steven and Shurvington, George. 2007 Quail Model Validation Monitoring and Evaluation Project – Davisdale and Locust Creek Conservation Areas. Missouri Department of Conservation

CSP Edge Habitat Bundle Enhancement***

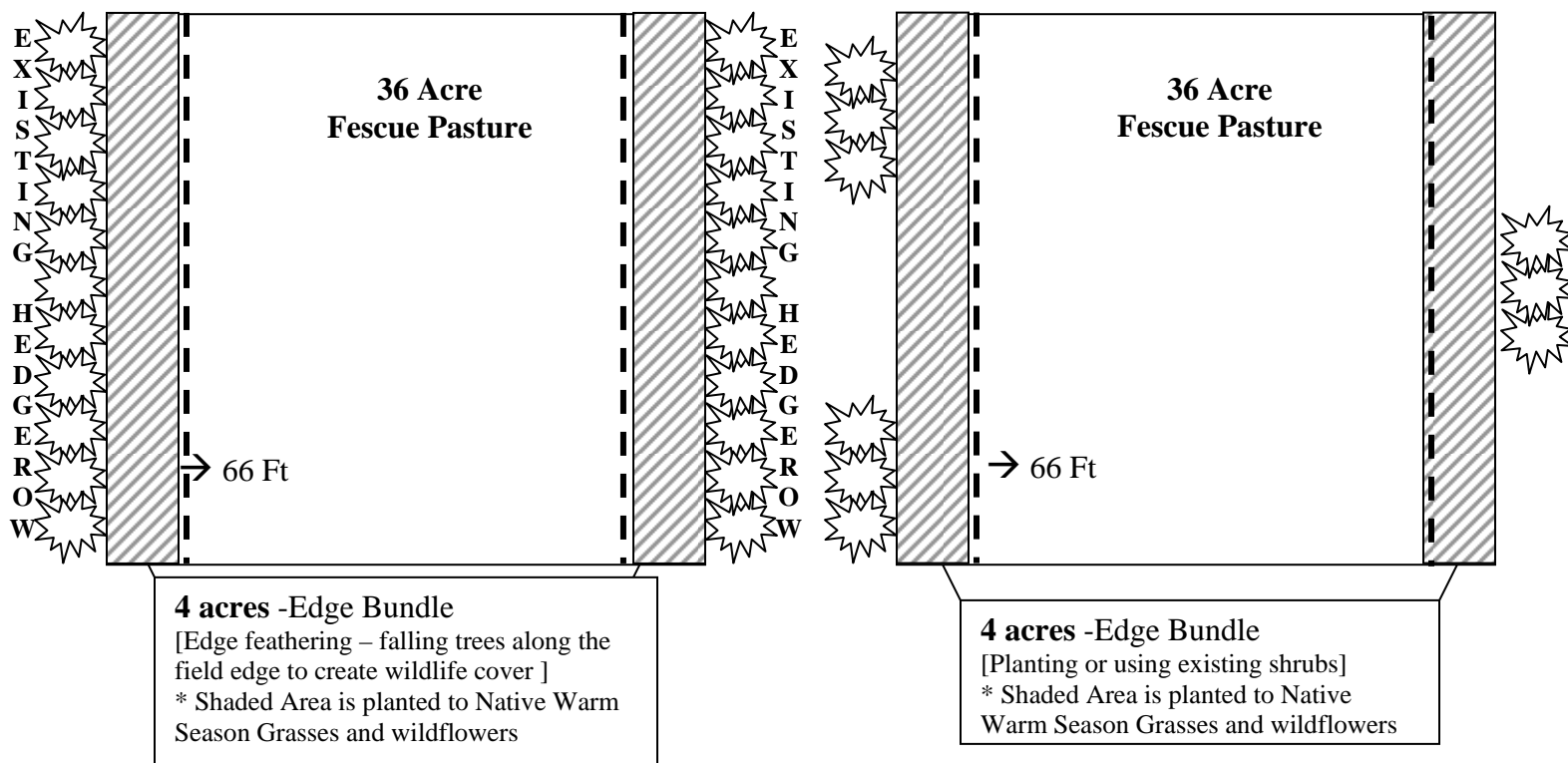
Grassland Example – EHM – 02

Example is a 40 acre fescue pasture

Using existing hedgerow – by edge feathering

Planting Shrubs

Three 30 x 50ft



Enhancements – Edge Bundle EHM-02 –

40 acres* x \$27.00 = \$1080.00/yr

Which is ...\$270.00 /acre/year on the 4 acres of buffer area that you have taken out of production – you can **continue to graze 36 acres**

* Payment on the full 40 acres if not enrolled in the CRP program.

** Areas that qualify for CRP could reflect an SIP and annual payment.

***** Installing Edge Habitat Bundle may improve your ability to move up a Tier in the program**

To offset the cost of installing this practice consider using the following cost share:

****CRP Marginal Pasture Practices with reduced seeding rates on majority of buffer if located adjacent to a perennial stream, wetland or large pond/lake greater than 5 acres.**

NOTE: The figures above are estimates and should not be considered actual payment dollars awarded through the CSP Program

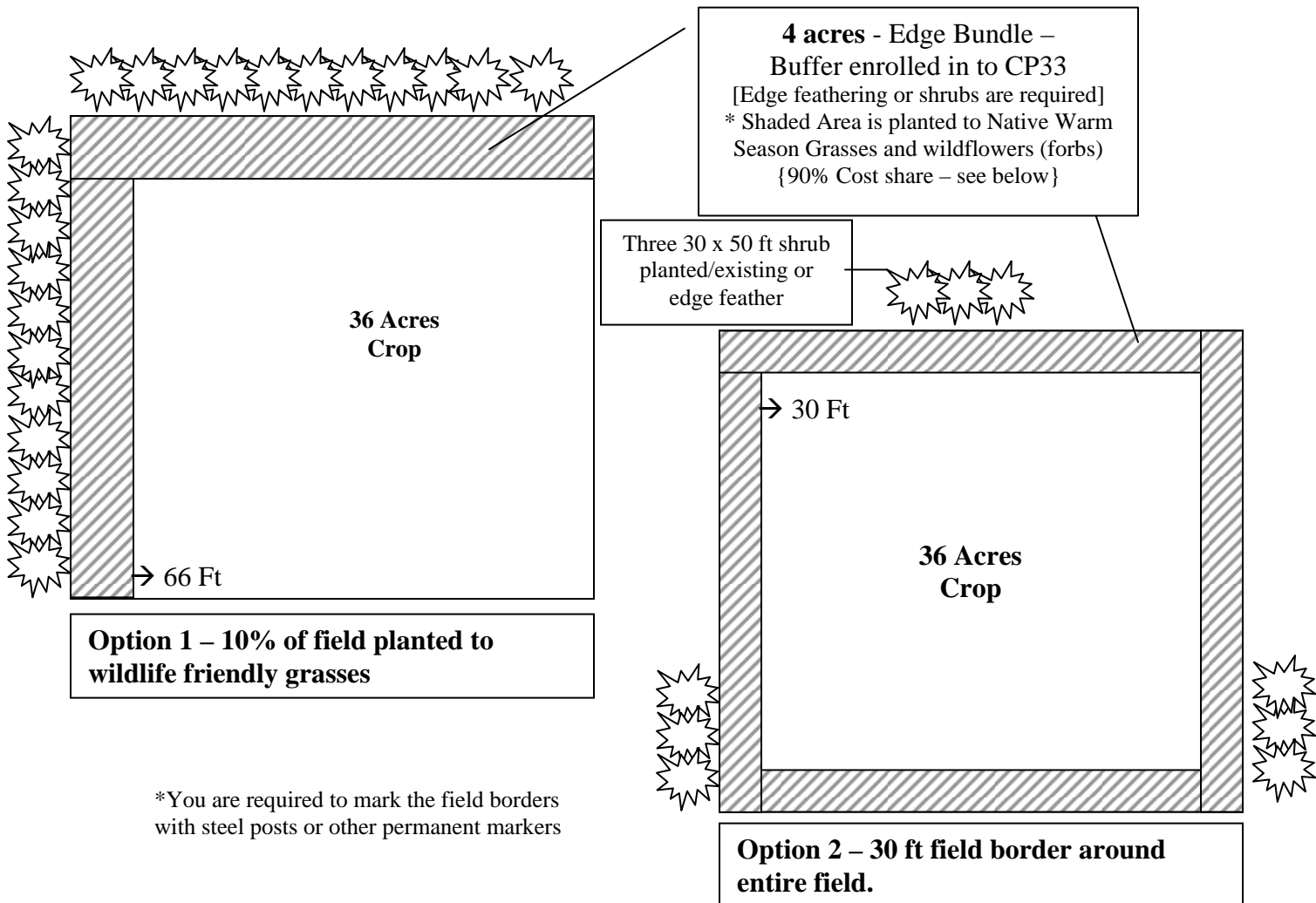
YOU MUST INDICATE ON YOUR MAP WHERE YOU WANT TO DO THIS AND WHAT YEAR YOU WANT TO COMPLETE.

You are required to fence this practice from livestock, cost-share may be available through CRP if the border qualifies.

CSP Edge Habitat Bundle Enhancement**

Cropland Example – EHM-02

Example is a 40 acre of crop field.



*You are required to mark the field borders with steel posts or other permanent markers

Enhancements – Edge Bundle EHM-02 –
CRP – CP33 (soil rental rate)

$$\begin{aligned} 36 \text{ acres} \times \$27.00 &= \$972.00 \\ 4 \text{ acres} \times \$80.00^* &= \$320.00 \\ \hline &= \$1292.00 / \text{yr} \end{aligned}$$

Which is ...\$323.00 /acre/year on the 4 acres of buffer that you have taken out of production – you can **continue to crop 36 acres**

* CRP rental rate may vary and additional funds could be given for one-time \$100 per acre SIP Payment.

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**IF YOU ARE INTERESTED IN CP33 YOU MUST CONTACT YOUR
FSA OFFICE IMMEDIATELY**

**YOU MUST INDICATE ON YOUR MAP WHERE YOU WANT TO DO THIS
AND WHAT YEAR YOU WANT TO COMPLETE.**